

DECLARATION, POWER OF ATTORNEY AND PETITION

named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled RETICLE DEFECT DETECTION USING SIMULATION.

the specification of which is attached hereto.
 the specification of which was filed on February 13, 1999 and assigned U.S. Serial No. 09/249,728.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

Prior Foreign Application(s)

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint:

Steven E. Shapiro, Reg. No. 35,676;
 Joseph G. Swan, Reg. No. 41,338;
 Howard H. Seo, Reg. No. 43,106

Brent Rabowsky, Reg. No. 41,262;
 D.J. Chung, Reg. No. 41,678; and

all of the firm of:

MITCHELL, SILBERBERG & KNUPP LLP
 11377 West Olympic Boulevard,
 Los Angeles, California 90064
 (310) 312-2000

as my attorneys with full power of substitution and revocation, to prosecute this application and to transact in connection therewith all business in the United States Patent and Trademark Office and before competent International Authorities.

Please send all correspondence to:

Steven E. Shapiro, Esq.
MITCHELL, SILBERBERG & KNUPP LLP
11377 West Olympic Boulevard
Los Angeles, California 90064
(310) 312-2000

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

Listing of Inventors Continued on Page 3 hereof Yes No

Full name of first inventor Daniel Lopez

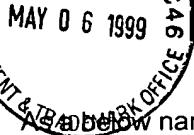
Inventor's signature Daniel Lopez
Residence Menlo Park, California
Citizenship United States
Post Office Address 2044 Gordon Avenue, Menlo Park, California 94025

Date 4/30/99

Full name of second inventor Frank Schellenberg

Inventor's signature _____ Date _____
Residence Palo Alto, California
Citizenship United States
Post Office Address 4023 Villa Vista, Palo Alto, California 94306

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Listing of Inventors Continued on Page 3 hereof Yes No

Full name of first inventor Daniel Lopez

Inventor's signature _____ Date _____
Residence Menlo Park, California
Citizenship United States
Post Office Address 2044 Gordon Avenue, Menlo Park, California 94025

Full name of second inventor Frank Schellenberg FRANKLIN M. SCHELLENBERG
Inventor's signature Frank M. Schellenberg Date May 1 1999
Residence Palo Alto, California
Citizenship United States
Post Office Address 4023 Villa Vista, Palo Alto, California 94306